

Title (en)
AXLE ASSEMBLY INLCUDING A TORQUE TRANSMISSION APPARATUS

Title (de)
ACHSAGGREGAT MIT DREHMOMENTÜBERTRAGUNGSEINRICHTUNG

Title (fr)
ASSEMBLAGE DE L'AXE AVEC APPAREIL DE TRANSMISSION DE COUPLE

Publication
EP 3693637 B1 20230405 (EN)

Application
EP 20155069 A 20200203

Priority
• US 201962801458 P 20190205
• US 202016773028 A 20200127

Abstract (en)
[origin: EP3693637A1] A torque transmission apparatus having a shift collar and a drive component. The shift collar may have a collar gear that may have a collar tooth that may have a concave collar tooth side surface that may be centered about a transverse collar tooth plane. The drive component may have a tooth that may have a convex lateral side surface centered about a transverse tooth plane. The concave collar tooth side surface may cooperate with the convex lateral side surface to align the transverse collar tooth plane with the transverse tooth plane.

IPC 8 full level
F16H 63/30 (2006.01); **B60K 17/16** (2006.01); **F16D 11/10** (2006.01); **F16D 11/14** (2006.01); **F16D 21/04** (2006.01); **F16H 55/08** (2006.01)

CPC (source: CN EP US)
B60K 1/00 (2013.01 - US); **B60K 17/02** (2013.01 - US); **B60K 17/04** (2013.01 - CN); **B60K 17/046** (2013.01 - US); **F16D 11/10** (2013.01 - EP); **F16D 11/14** (2013.01 - US); **F16D 21/04** (2013.01 - EP); **F16H 37/08** (2013.01 - CN); **F16H 57/023** (2013.01 - CN); **F16H 57/025** (2013.01 - CN); **F16H 57/0415** (2013.01 - CN); **F16H 57/0421** (2013.01 - CN); **F16H 59/041** (2013.01 - EP); **F16H 63/30** (2013.01 - EP); **B60K 2001/001** (2013.01 - US); **B60K 2025/005** (2013.01 - US); **B60Y 2200/91** (2013.01 - US); **B60Y 2400/422** (2013.01 - US); **B60Y 2400/73** (2013.01 - US); **F16D 2011/004** (2013.01 - EP US); **F16D 2011/008** (2013.01 - EP); **F16H 1/28** (2013.01 - EP); **F16H 55/0886** (2013.01 - EP); **F16H 57/082** (2013.01 - EP); **F16H 2063/3093** (2013.01 - EP)

Cited by
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DOCDB simple family (publication)
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